



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Thomas M. English et al.

Appl. No. 09/873,439

Filed: June 4, 2001

For: WIRELESS LOCAL AREA NETWORK
USING IMPULSE RADIO
TECHNOLOGY TO IMPROVE
COMMUNICATIONS BETWEEN
MOBILE NODES AND ACCESS
POINTS

Art Unit: 2683

Examiner: Joseph D. Nguyen

Atty. Docket No.: 28549-205159

Confirmation No.: 4307

Customer No:



26694

PATENT TRADEMARK OFFICE

RECEIVED

JUL 16 2004

Technology Center 2600

Amendment and Reply

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The Applicant acknowledges the receipt of a First Office Action dated February 4, 2004 ("First Office Action"). The Applicant in response files this Amendment and Response to First Office Action. This Amendment and Response to First Office Action cancels claims 23, 34, and 46, amends claims 15, 16, 20, 29, 31, 42, 51, and 52, and adds claims 53-58.

- Request for Extension of Time and/or Charge of Fees begins on page 2 of this paper.
- Amendments to the Specification begin on page 3 of this paper.
- Amendments to the Claims are reflected in the listing of claims which begins on page 4 of this paper.
- Remarks/Arguments begin on page 14 of this paper.

07/09/2004 WRSFRW1 00000048 09873439

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07/09/2004 07:00 PM

PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 2000

Application or Docket Number

09873439

CLAIMS AS FILED - PART I

(Column 1)		(Column 2)
TOTAL CLAIMS	52	
FOR	NUMBER FILED	NUMBER EXTRA
TOTAL CHARGEABLE CLAIMS	52 minus 20 =	32
INDEPENDENT CLAIMS	6 minus 3 =	3
MULTIPLE DEPENDENT CLAIM PRESENT <input type="checkbox"/>		

* If the difference in column 1 is less than zero, enter "0" in column 2

CLAIMS AS AMENDED - PART II

(Column 1)	(Column 2)	(Column 3)
CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total	52 Minus	32
Independent	6 Minus	3
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>		

(Column 1)	(Column 2)	(Column 3)
CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total	Minus	=
Independent	Minus	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>		

(Column 1)	(Column 2)	(Column 3)
CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total	Minus	=
Independent	Minus	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>		

- * If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
- ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."
- *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

SMALL ENTITY TYPE ☐

RATE	FEE
BASIC FEE	355.00
X\$ 9=	258
X40=	120
+135=	
TOTAL	163

OTHER THAN SMALL ENTITY

RATE	FEE
BASIC FEE	710.00
X\$18=	
X80=	
+270=	
TOTAL	

SMALL ENTITY

RATE	ADDITIONAL FEE
X\$ 9=	
X40=	
+135=	
TOTAL ADDIT. FEE	

OTHER THAN SMALL ENTITY

RATE	ADDITIONAL FEE
X\$18=	54
X80=	
+270=	
TOTAL ADDIT. FEE	54

RATE	ADDITIONAL FEE
X\$ 9=	
X40=	
+135=	
TOTAL ADDIT. FEE	

RATE	ADDITIONAL FEE
X\$18=	
X80=	
+270=	
TOTAL ADDIT. FEE	

RATE	ADDITIONAL FEE
X\$ 9=	
X40=	
+135=	
TOTAL ADDIT. FEE	

RATE	ADDITIONAL FEE
X\$18=	
X80=	
+270=	
TOTAL ADDIT. FEE	